

SDF Size 3 315 A TPN DIN Open execution

Model	
Product brand name	SETRON
version	Complete version with rotary operating mechanism
Design type	For mounting and installation
Design of the load switch / Strip form	No
Type of the driving mechanism / motor drive	No
Number of poles	4
Fuse system	LV HRC fuse
Type of voltage	AC/DC
Operating voltage	
<ul style="list-style-type: none"> • at AC / at 50/60 Hz / rated value 	690 V
<ul style="list-style-type: none"> • at DC / rated value 	440 V
Protection class	
Protection class IP	IP00
Current	
Let-through current / I _{2 t} / maximum permissible / in utilization category / AC-22 B / at 400 V	2 150 000 A ² ·s
Main circuit	
Rated current I _e / maximum / in utilization category	
<ul style="list-style-type: none"> • AC-21 A / at 400 V 	315 A
<ul style="list-style-type: none"> • AC-21 A / at 500 V 	315 A
<ul style="list-style-type: none"> • AC-21 B / at 400 V 	315 A
<ul style="list-style-type: none"> • AC-21 B / at 500 V 	315 A
<ul style="list-style-type: none"> • AC-22 A / at 400 V 	315 A
<ul style="list-style-type: none"> • AC-22 A / at 500 V 	315 A
<ul style="list-style-type: none"> • AC-22 B / at 400 V 	315 A
<ul style="list-style-type: none"> • AC-22 B / at 500 V 	315 A
Short circuit	
Conditional rated short-circuit current	
<ul style="list-style-type: none"> • 400V 	100 000 A
<ul style="list-style-type: none"> • 500V 	100 000 A
<ul style="list-style-type: none"> • in utilization category / AC-21 A / at 400 V 	100 000 A
<ul style="list-style-type: none"> • in utilization category / AC-21 A / at 500 V 	100 000 A
<ul style="list-style-type: none"> • in utilization category / AC-21 B / at 400 V 	100 000 A
<ul style="list-style-type: none"> • in utilization category / AC-21 B / at 500 V 	100 000 A

- in utilization category / AC-22 A / at 400 V 100 000 A
- in utilization category / AC-22 A / at 500 V 100 000 A
- in utilization category / AC-22 B / at 400 V 100 000 A
- in utilization category / AC-22 B / at 500 V 100 000 A

Connections

Type of connection, main circuit	Flat-type screw terminal
Type of electrical connection	
<ul style="list-style-type: none"> • for main current circuit 	flat connector

Mechanical Design

Type of mounting	fixed mounted
Mounting type	Surface mounting and installation
Mounting type	
<ul style="list-style-type: none"> • rail mounting 	No

Certificates

Reference code	
<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 	Q

other

[Environmental Confirmations](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3KL8331-3UA00>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3KL8331-3UA00>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KL8331-3UA00

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>